

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054168.D
 Acq On : 18 May 2023 16:27
 Operator : JC/MD
 Sample : 02844-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX17

Quant Time: May 19 02:08:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

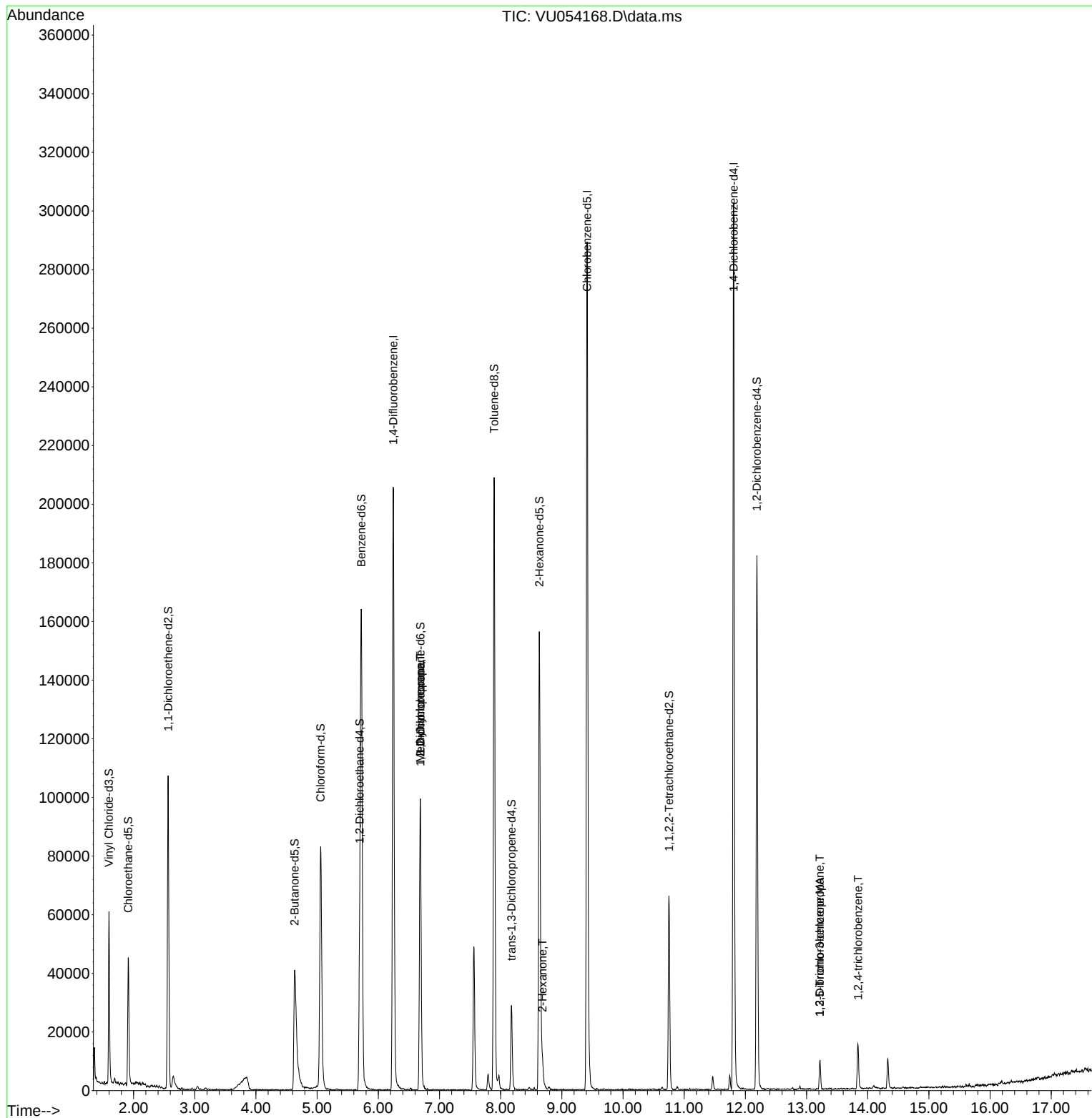
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	175636	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43651	4.610	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.912	69	34403	4.857	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.565	65	19954	4.666	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.400%	
20) 2-Butanone-d5	4.633	46	81654	48.354	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.700%	
24) Chloroform-d	5.057	84	80417	4.517	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.697	65	38756	4.732	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.723	84	160056	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.687	67	47219	4.812	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.893	98	144451	4.506	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	8.176	79	17622	4.446	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.632	63	54919	46.541	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.080%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32609	4.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	12.188	152	50277	4.816	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.684	83	11683	0.630	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	4930	0.398	ug/L #	88
48) 2-Hexanone	8.684	43	4151	0.871	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	13.217	75	461	0.311	ug/L #	5
69) 1,3,5-Trichlorobenzene	13.217	180	3859	0.199	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	6262	0.389	ug/L #	97

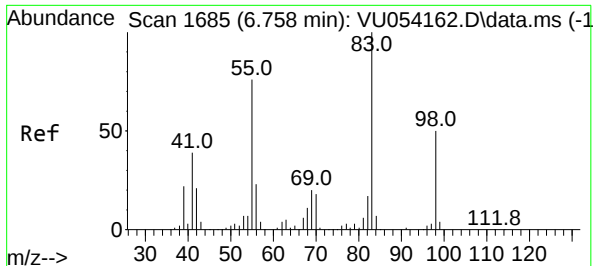
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.630 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054168.D

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Instrument :

MSVOA_U

ClientSampleId :

GBX17

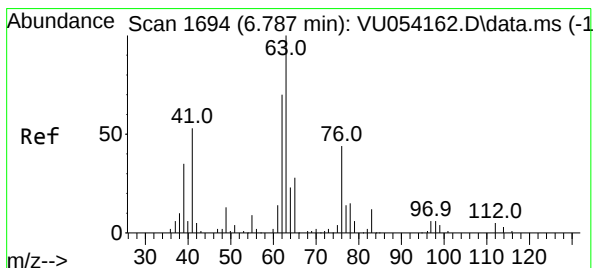
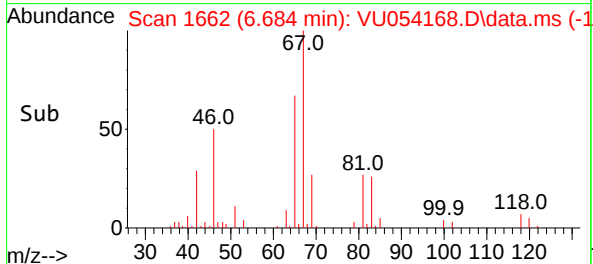
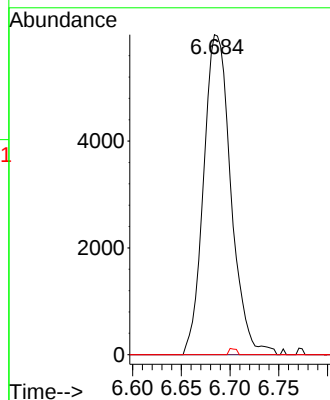
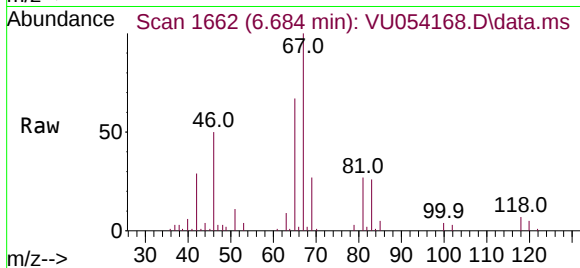
Tgt Ion: 83 Resp: 11683

Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.5 41.3 61.9#



#37

1,2-Dichloropropane

Concen: 0.398 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.096 min

Lab File: VU054168.D

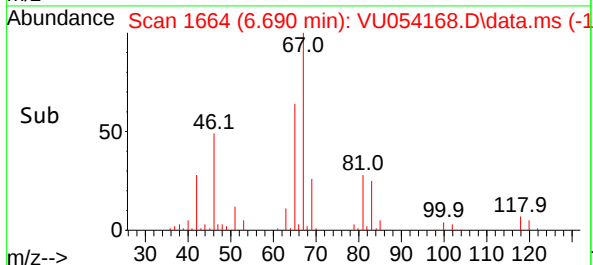
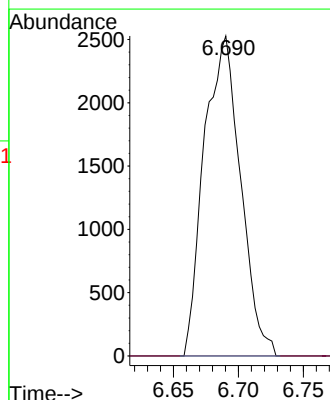
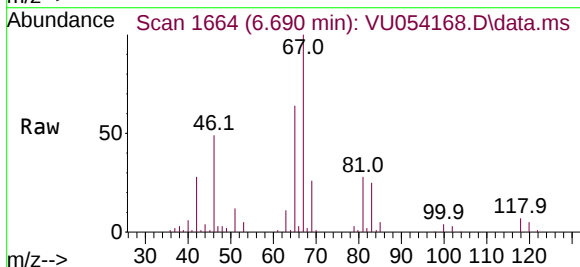
Acq: 18 May 2023 16:27

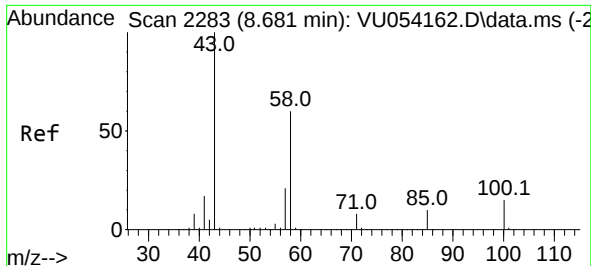
Tgt Ion: 63 Resp: 4930

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#48

2-Hexanone

Concen: 0.871 ug/L

RT: 8.684 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054168.D

Acq: 18 May 2023 16:27

Instrument :

MSVOA_U

ClientSampleId :

GBX17

Tgt Ion: 43 Resp: 4151

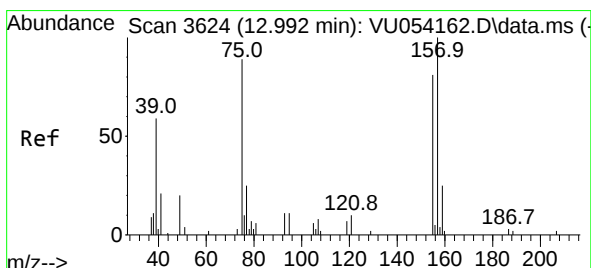
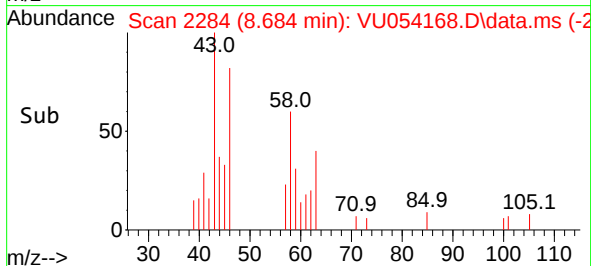
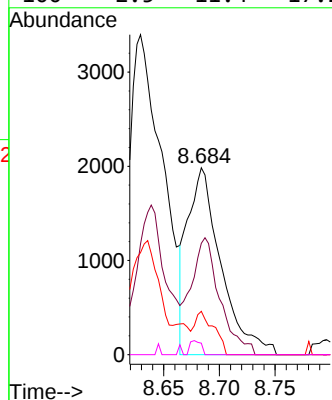
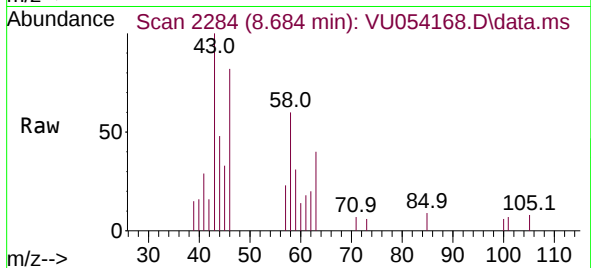
Ion Ratio Lower Upper

43 100

58 54.4 48.6 72.8

57 13.1 16.7 25.1#

100 2.5 11.4 17.2#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.311 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.225 min

Lab File: VU054168.D

Acq: 18 May 2023 16:27

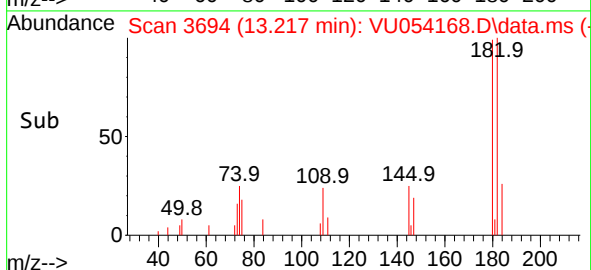
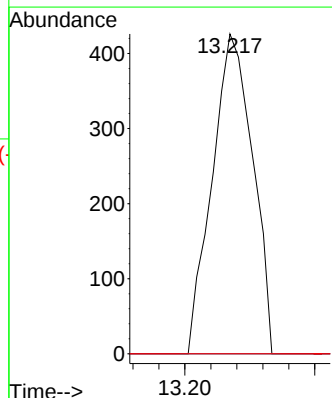
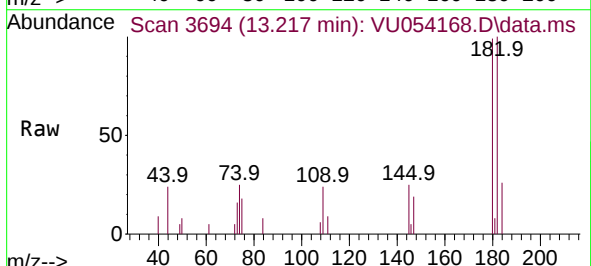
Tgt Ion: 75 Resp: 461

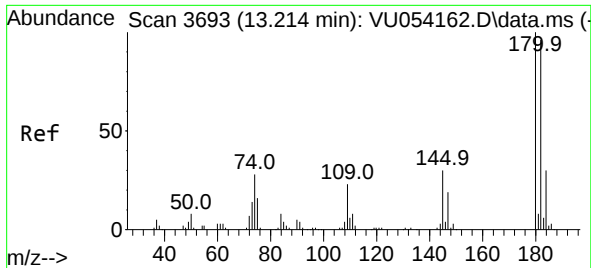
Ion Ratio Lower Upper

75 100

155 0.0 62.7 94.1#

157 0.0 77.0 115.4#

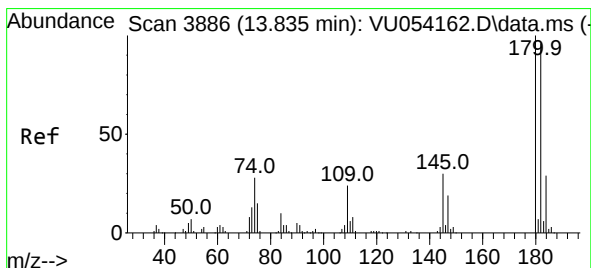
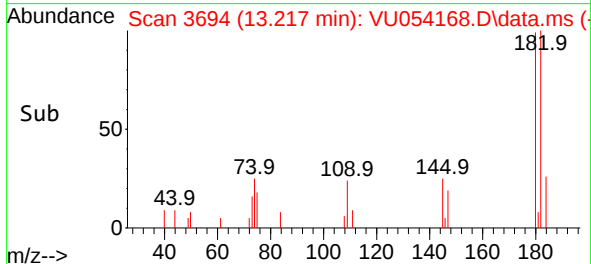
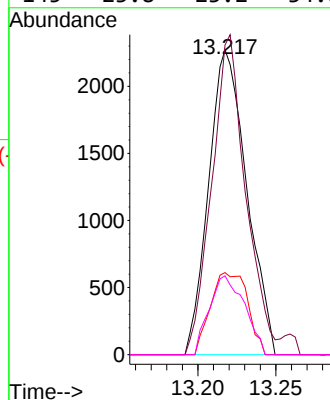
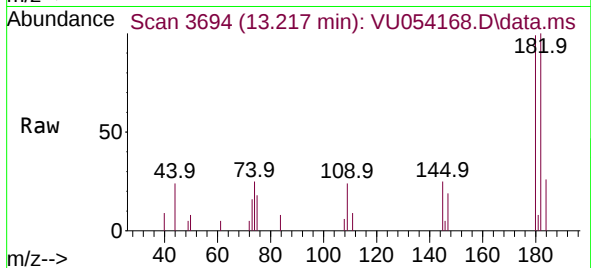




#69
 1,3,5-Trichlorobenzene
 Concen: 0.199 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU054168.D
 Acq: 18 May 2023 16:27

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX17

Tgt Ion:180	Resp:	3859
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.1 114.1
184	26.1	24.5 36.7
145	23.8	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.389 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.006 min
 Lab File: VU054168.D
 Acq: 18 May 2023 16:27

Tgt Ion:180	Resp:	6262
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.4 114.6
145	22.4	23.3 34.9#

